

Weld-On® 30 Series: UL approved sign assembly adhesives outperform competition.

- Multiple working times
- Superior sag resistance
- Greater bond strength

Weld-On® 30 Series adhesives offer multiple working times for sign assembly. Depending on working conditions and requirements of the project, you can choose from: 4 to 5 minutes (Weld-On 30); 13 to 17 minutes (Weld-On 31); and 25 to 35 minutes (Weld-On 32). Many competitors adhesives don't give you the same flexibility.

Also, Weld-On 30 provides superior sag resistance on vertical surfaces. An advantage that's so critical, especially on large projects. Weld-On 30 maintains position even in high-heat conditions; while some of our competitors' adhesives will start sagging.

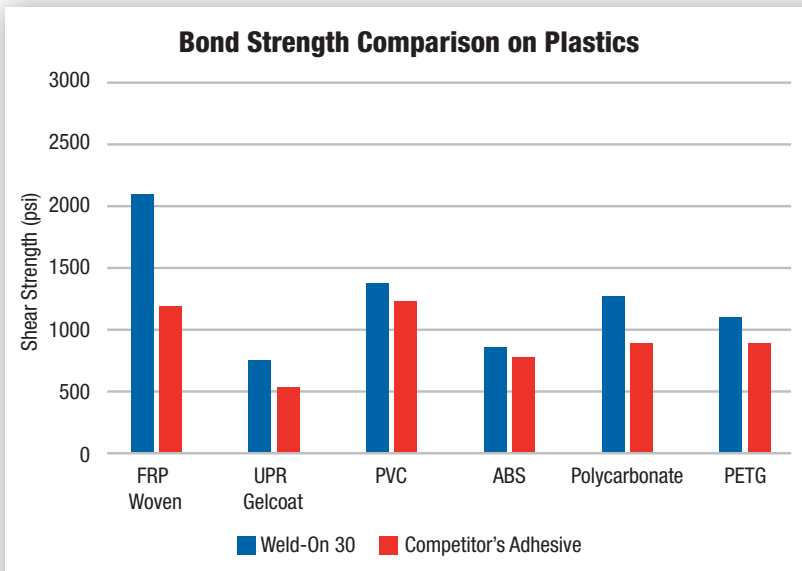
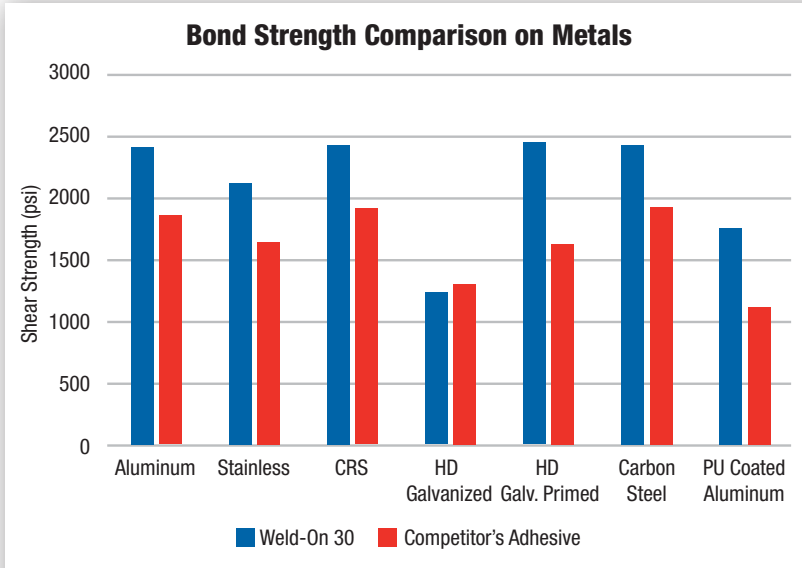
When it comes to bond strength, you can't beat Weld-On 30; just look at the charts on the left. It performs well on all kinds of metals and plastics, even difficult-to-bond metals like carbon steel and hot-dip galvanized steel.



These 3 benefits of using Weld-On 30 for sign fabrication result in improved production processes for your company and stronger finished products for your customers. You'll be impressed with the performance and results.



UL 746C Approved



Weld-On 30 Series for sign assembly

Substrate recommendations: Weld-On 30 is a two-component adhesive formulated for bonding a wide variety of substrates including metals, thermoplastic and thermoset composites. Weld-On 30 is especially suited for sign and display assemblies. The product is available in off white color.

Bonding recommendations: Weld-On 30 is suitable for use in a variety of industries, especially sign assembly, where high bond strength and resistance to extreme environmental conditions is critical. Weld-On 30 is especially suitable for bonding unprepared metals, including Aluminum, CRS and Stainless Steel; it is also suitable for bonding painted and coated metals. It has excellent adhesion to plastics such as PVC, polycarbonate, ABS, acrylic as well as thermoset composites with epoxy, polyester or vinyl ester resin matrices.

General description: Weld-On 30 is a fast curing, two-component adhesive; when mixed on ratio and applied, it cures at room temperature to form high strength bond within minutes. The adhesive has excellent corrosion and chemical resistance, gap-filling capabilities, in addition to excellent impact and fatigue resistance. Once cured, the adhesive can be put into service even in extreme temperature conditions, from -40° F (-40° C) to 180° F (82° C). Weld-On 30 has UL 746C approval for use in electrical equipment assemblies for indoor and outdoor signage applications.



A worker installs panels on a large-scale sign in desert heat; this is a job for Weld-On 30! With its superior sag resistance, big vertical areas are no problem; nor is the desert heat.

PERFORMANCE BENEFITS

• Primerless metal bonding	→	No surface treatment or primers required for most metals
• Reduced bond line read through	→	Reduced post finishing requirements
• Choice of 5, 17 and 35 minute working times	→	Selection to fit application and process requirements
• Non-sag application characteristics	→	Facilitates application on non-level surfaces
• Excellent environmental resistance	→	Permanent bonds in harsh operating environments
• Permanent toughness	→	Excellent fatigue, impact and shock load resistance

Brand	Product	Mix Ratio Volume	Working Time ¹ Minutes	Fixture Time ¹ Minutes	Viscosity cps	Color-Cured	Lap Shear Strength ² psi	Shelf Life
WELD-ON®	30	10:1	4 - 5	15 - 20	175,000 - 275,000	Off White	2,300 - 2,800 (Aluminum)	6 Months
	31		13 - 17	30 - 40				
	32		25 - 35	50 - 70				

NOTES:

1. Working/fixture times at 75°F unless noted. Fixture time is minimum recommended time in fixture.

2. Lap shear strength of aluminum to aluminum bond based on ASTM D1002 method.



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